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SEQUENCE LISTING

<110> JOHN HOPKINS UNIVERSITY SCHOOL OF MEDICINE

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<120> GLUTAMATE TRANSPORTER ASSOCIATED PROTEINS AND METHODS OF USE THEREOF

<130> JHU1650-2

<150> 60/161,007

<151> 1999-10-23

<160> 22

<170> PatentIn version 3.0

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<211> 7240

<212> DNA

<213> Rattus

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2180						2185					2190				
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220

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THE UNIVERSITY OF CHICAGO

Abstract

[illegible]

Abstract

Abstract

Abstract

[illegible]

Abstract

[illegible]

Abstract

Abstract

[illegible]

Abstract

Abstract

Abstract

[illegible][illegible]

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Asp Phe Leu Arg Ser Leu Asp Asp Phe Gln Ala Trp Leu Gly Arg
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Glu Ala Glu Ala Leu Leu Ala Gln His Ala Ala Leu Arg Gly Glu
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Val Glu Arg Ala Gln Ser Glu Tyr Ser Arg Leu Arg Thr Leu Gly
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Glu Glu Val Thr Arg Asp Gln Ala Asp Pro Gln Cys Leu Phe Leu
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1145 1150 1155

Arg Met Trp Glu Ser Arg Gln Gly Arg Leu Ala Gln Ala His Gly
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Phe Gln Gly Phe Leu Arg Asp Ala Arg Gln Ala Glu Gly Val Leu
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Ser Ser Gln Glu Tyr Val Leu Ser His Thr Glu Met Pro Gly Thr
1190 1195 1200

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1220 1225 1230

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1245

Cys Gln Pro Met Lys Asp Arg Cys Arg Arg Leu Gln Ala Ser Arg
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COFFEE

[illegible]

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1820 1825 1830

Ile Gln Ala Leu Ser Thr Gln Val Gln Gln Val Gln Asp Asp Gly
1850 1855 1860

Gly Arg His Met Gln Ala Val Ala Glu Ala Trp Ala Gln Leu Gln
1880 1885 1890

Lys Phe Arg Phe Phe Lys Ala Val Arg Glu Leu Met Leu Trp Met
1910 1915 1920

Val	Ser	Ser	Ala	Asp	Leu	Val	Ile	Lys	Asn	Gln	Gln	Gly	Ile	Lys
1940						1945					1950			

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2220

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1				5					10					15	

48

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Gln Ser His Leu Ser Ser Pro Ile Ala Ser Trp Leu Ser Ser Leu Ser

96

tct ctg gga gat tct aca cct gaa cgc aca tcc cct tct cac cac cgc	144
Ser Leu Gly Asp Ser Thr Pro Glu Arg Thr Ser Pro Ser His His Arg	
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Gln Pro Ser Asp Thr Ser Glu Thr Thr Ala Gly Leu Val Gln Arg Cys	
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Val Ile Ile Gln Lys Asp Gln His Gly Phe Gly Phe Thr Val Ser Gly	
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Lys Ala Gly Val Lys Glu Gly Asp Arg Ile Ile Lys Val Asn Gly Thr	
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2025年1月

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SECRET

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SECRET

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2025-26

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00654545960

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130

135

140

Tyr Lys Gly Lys Ser Lys Leu Thr Asp Asn Leu Val Ala Leu Lys Glu
145 150 155 160

Ile Arg Leu Glu His Glu Glu Gly Ala Pro Cys Thr Ala Ile Arg Glu
165 170 175

Val Ser Leu Leu Lys Asp Leu Lys His Ala Asn Ile Val Thr Leu His
180 185 190

Asp Ile Ile His Thr Glu Lys Ser Leu Thr Leu Val Phe Glu Tyr Leu
195 200 205

Asp Lys Asp Leu Lys Gln Tyr Leu Asp Asp Cys Gly Asn Val Ile Asn
210 215 220

Met His Asn Val Lys Leu Phe Leu Phe Gln Leu Leu Arg Gly Leu Ala
225 230 235 240

Tyr Cys His Arg Gln Lys Val Leu His Arg Asp Leu Lys Pro Gln Asn
245 250 255

Leu Leu Ile Asn Glu Arg Gly Glu Leu Lys Leu Ala Asp Phe Gly Leu
260 265 270

Ala Tyr Ala Lys Ser Ile Pro Thr Lys Thr Tyr Ser Asn Glu Val Val
275 280 285

Thr Leu Trp Tyr Arg Pro Pro Asp Ile Leu Leu Gly Ser Thr Asp Tyr
290 295 300

Ser Gly Gln Ile Asp Met Trp Gly Val Gly Cys Ile Phe Tyr Glu Met
305 310 315 320

Ala Thr Gly Arg Pro Leu Phe Pro Gly Ser Thr Val Glu Glu Gln Leu
325 330 335

His Phe Ile Phe Arg Ile Leu Gly Thr Pro Thr Glu Asp Thr Trp Pro
340 345 350

Gly Ile Leu Ser Asn Glu Glu Phe Arg Thr Tyr Asn Tyr Pro Lys Tyr
355 360 365

Arg Ala Glu Ala Leu Leu Arg His Ala Pro Arg Leu Glu Cys Asp Gly
370 375 380

Ala Asp Leu Leu Thr Lys Leu Leu Gln Phe Glu Gly Arg Asn Arg Ile
385 390 395 400

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